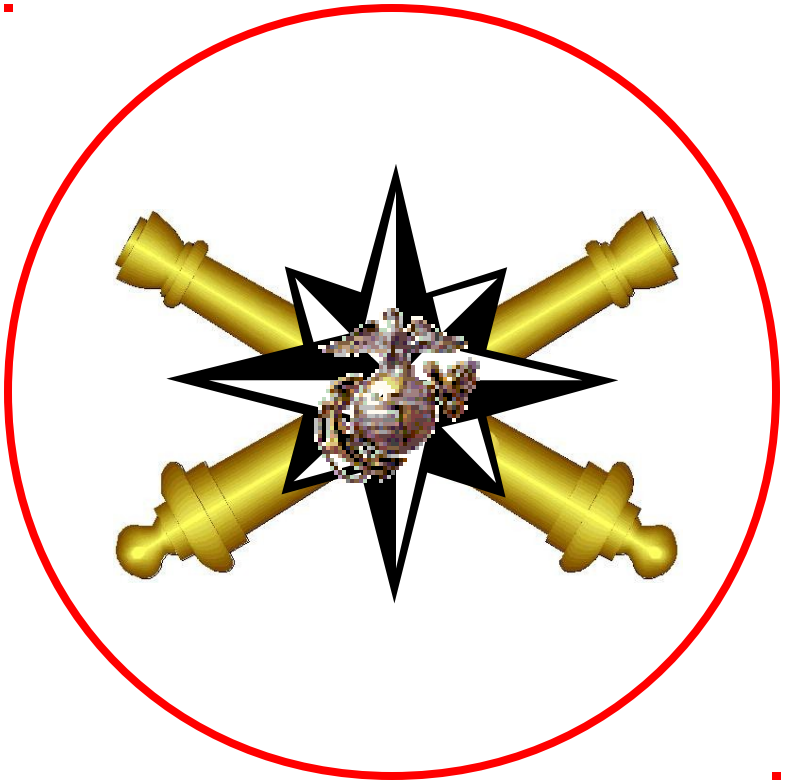

PM Fire Support Systems
Survey/Met

Program Information Brief

Current Initiatives

- IPADS
- MBC
- GPS-S
- MSG
- BUCS

} Fire Support Mods Program

POM 06 Initiatives

- PROFILER

MARINE CORPS SYSTEMS COMMAND

Improved Position Azimuth Determining System

System Description and Background

- IPADS is #1 program for funding in FY06
- OT was completed in April
- DT continues to gather reliability data
- Digital communication capability is P3I
- Fielding schedule must be coordinated with the Army
- PADS must be turned in for disposal
- Approximately 42 IPADS procured and fielded in FY05
- Remaining 18 fielded in FY06

Schedule

OT (complete)	3rd Qtr FY04
DT (reliability)	4th Qtr FY04
MS C (August)	4th Qtr FY04
IOC (USMC) (I MEF dates tentative)	1st Qtr FY05
FOC	3rd Qtr FY06

The IPADS is a Joint interest program with the Army. AAO is 60 (AAO has been tailored).

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GPS-S

System Description and Background

- Briefed Joint Navigation Conference 4 May
- Procuring DAGR to conduct accuracy evaluation as a possible replacement
- Parts are available thru Trimble , although expensive and limited

Schedule

Brief Joint Navigation Conference	3rd Qtr FY04
DAGR Evaluation	2nd Qtr FY05
DAGR Report	2nd Qtr FY05
Decision Brief	3rd Qtr FY05

MARINE CORPS SYSTEMS COMMAND

MSG

MMS

ANTPQ-50

EMMT

System Description and Background

- ❑ Marwin III upgrade demo May 26-29
- ❑ Eight systems will receive Marwin III upgrade
- ❑ TACMET sensor will replace AN/TMQ 50
- ❑ SCU will replace the LCU
- ❑ Current LCU *is* supportable, coordinate thru CECOM

Schedule

Marwin III and RDF Demo	3rd Qtr FY04
MMS LCU upgrade	3rd Qtr FY04-1st Qtr FY05
AN/TMQ 50 Replacement	3rd – 4th Qtr FY04
EMMT fielding	1st Qtr FY04-2nd Qtr FY05

MARINE CORPS SYSTEMS COMMAND

BUCS

System Description and Background

- The BUCS is a MCCHS ruggedized handheld computer
- The BUCS-R will replace the HP-71B and HP 200LX
- Common hardware between Survey/Met/Gunnery

Schedule

Software Development Survey	4th Qtr FY04
Software Development Met	4th Qtr FY04
Hardware/Software Integration	1st Qtr FY05
IOC	2nd Qtr FY05

MMS-Profiler

System Description and Background

- Army lead program
- Evolutionary system thru block upgrades (I-III)
- Block I physically much like MSG, fielded in FY05 (?)
- Block II 1 vehicle 2 Marines, removes Balloon FY08 (?)
- Block III embedded in each platform FY11 (?)
- MCSC funding an Analysis of Alternatives to Block I; we may be somewhere between Block II and III now
- Leverage VJMPO

Schedule

POM 06 (#33 on priority list)	2nd Qtr FY04
AoA	3rd Qtr FY04
RFI	3rd Qtr FY05
RFP	1st Qtr FY06

MARINE CORPS SYSTEMS COMMAND

Mortar Ballistic Computer

System Description and Background

- ❑ Ruggedized handheld device from MCCHS/GSA
- ❑ Automated fire control computer for 60mm and
- ❑81mm mortars using Mortar Ballistic Kernel
- ❑ Replaces M16 and M19 Plotting boards, and tabular
- ❑firing tables in the computation of mortar firing data
- ❑ Accounts for non-standard conditions
- ❑ Adding GPS capability

Schedule

FQT	2nd Qtr FY04
IOC	3rd Qtr FY05
FOC	4th Qtr FY06

MET PROJECTS

JVMPO

HEMS

SURVEY PROJECTS

DAGR v. GPS-S

IPADS vehicle

Digital comm

Sound Ranging